

## Product Data Sheet

**Product:** PepMix SARS-CoV-2 (Spike B.1.617.2 / Delta)  
**Product code:** PM-SARS2-SMUT06-1  
**Source:** SARS-CoV-2 (Severe Acute Respiratory Syndrome-Related Coronavirus 2)  
 (Lineage B.1.617.2, Delta Variant)  
 Spike glycoprotein - contains mutations T0019R, G0142D, E0156-, F0157-, R0158G, L0452R, T0478K, D0614G, P0681R and D0950N  
**Protein ID:** n.a.  
**Gene ID:** S  
**No. of peptides:** 315 peptides - 158+157 (15mers with 11 aa overlap)  
**Amount:** 25 µg (approx. 15 nmol) / peptide (for stimulation of up to 2,5 x 10<sup>8</sup> cells)  
**Length:** 1271 aa

**Sequence:**

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MFVFLVLLPL VSSQCVNLR RTQLPPAYTN SFTRGVYYPD KVFRSSVLHS TQDLFLPFFS
NVTWFHAIHV SGTNGTKRFD NPVLPFNDGV YFASTEKSNI IRGWIFGTTL DSKTQSLLIIV
NNATNVVIKV CEFQFCNDPF LDVYYHKNNK SWMESGVYSS ANNCTFEYVS QPFLMDLEGK
QGNFKNLREF VFKNIDGYFK IYSKHTPINL VRDLPQGFSA LEPLVDLPIG INITRFQTL
ALHRSYLTPG DSSSGWTAGA AAYYVGYLQP RTFLLKYNEN GTITDAVDCA LDPLSETKCT
LKSFTVEKGI YQTSNFRVQP TESIVRFPNI TNLCPFGEVF NATRFASVYA WNRKRISNCV
ADYSVLYNSA SFSTFKCYGV SPTKLNLDLFC TNVYADSFVI RGDEVRQIAP GQTGKIADYN
YKLPDDFTGC VIAWNSNLD SKVGGNYNYR YRLFRRKSNLK PFERDISTEI YQAGSKPCNG
VEGFNCYFPL QSYGFQPTNG VGYQPYRVVV LSFELLHAPA TVCGPKKSTN LVKNKCVNFN
FNGLTGTGVL TESNKKFLPF QQFGRDIADT TDAVRDPQTL EILDITPCSF GGVSVITPGT
NTSNQVAVLY QGVNCTEVPV AIHADQLTPT WRVYSTGSNV FQTRAGCLIG AEHVNNSYEC
DIPIGAGICA SYQTQTNRR RARSVASQSI IAYTMSLGAE NSVAYSNNNSI AIPTNFTISV
TTEILPVSM TKSVDCTMYI CGDSTECNL LLQYGSFCTQ LNRALTGIIV EQDKNTQEVF
AQVKQIYKTP PIKDFGGFNF SQILPDPSKP SKRSFIEDLL FNKVTADAG FIKQYGDCLG
DIAARDLICA QKFNGLTVLP PLLTDEMIAQ YTSALLAGTI TSGWTFGAGA ALQIPFAMQM
AYRFNGIGVT QNVLYENQKL IANQFNSAIG KIQDSLSTA SALGKLQNVV NQNAQALNTL
VKQLSSNFGA ISSVLNDILS RLDKVEAEVQ IDRLITGRLQ SLQTYVTQQL IRAAEIRASA
NLAATKMSEC VLGQSKRVDF CGKGYHLMSF PQSAPHGVVF LHVTYVPAQE KNFTTAPAIC
HDGKAHFPRE GVFVSNATHW FVTQRNFYEP QIITTDNTFV SGNCDVIGI VNNTVYDPLQ
PELDSFKEEL DKYFKNHTSP DVDLGDISGI NASVVNIQKE IDRLNEVAKN LNESLIDLQE
LGKYEQYIKW PWYIWLGFIA GLIAIVMVTI MLCCMTSCCS CLKGCCSCGS CCKFDEDDSE
PVLKGVKLHY T
  
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**Purity:** Research Plus Grade: each peptide is guaranteed to be main product (HPLC/MS)  
**Appearance:** white to off-white lyophilisate  
**Cytotoxicity:** No cytotoxic effects in resazurin-based cell viability assays with Jurkat cells.  
**Remark:** The peptides of this product are supplied as freeze-dried trifluoroacetate salts. For research use only.  
**Storage conditions:** Store at - 20°C  
**Application protocol:** <https://jpt.com/support-contact/resources/application-protocols/>

**Use recommended within 6 months**